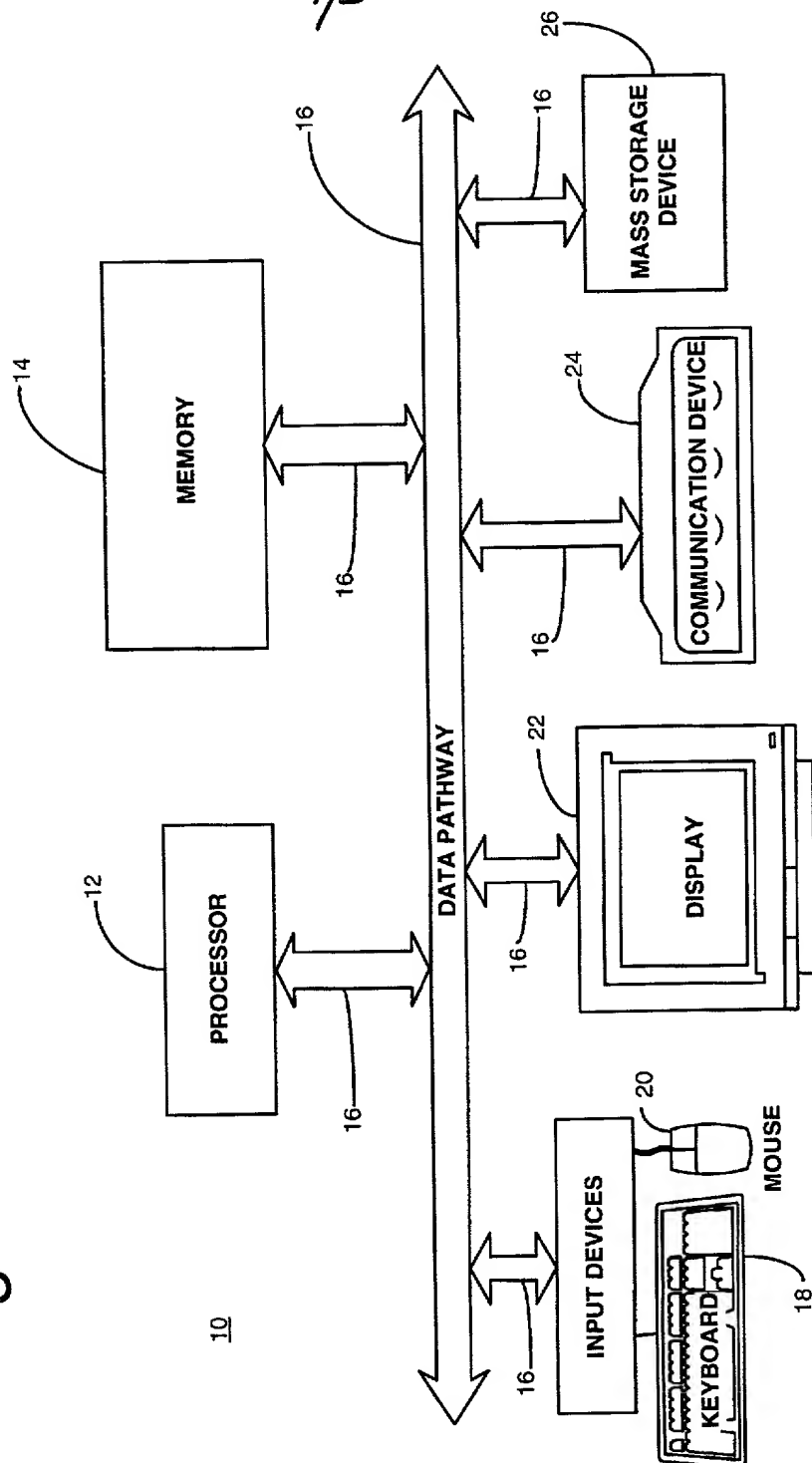


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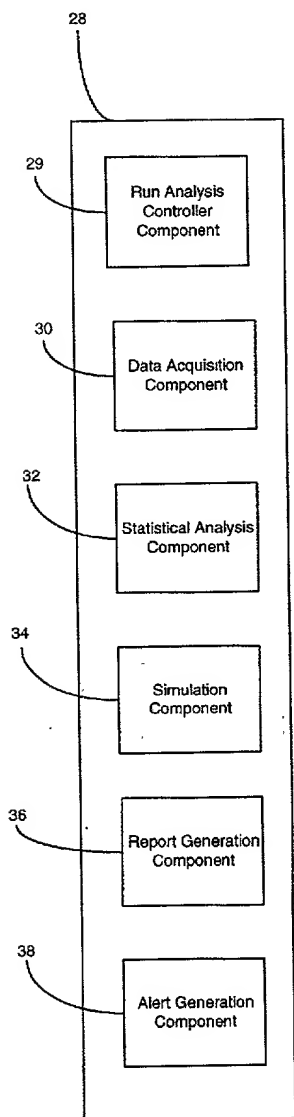


Fig. 2

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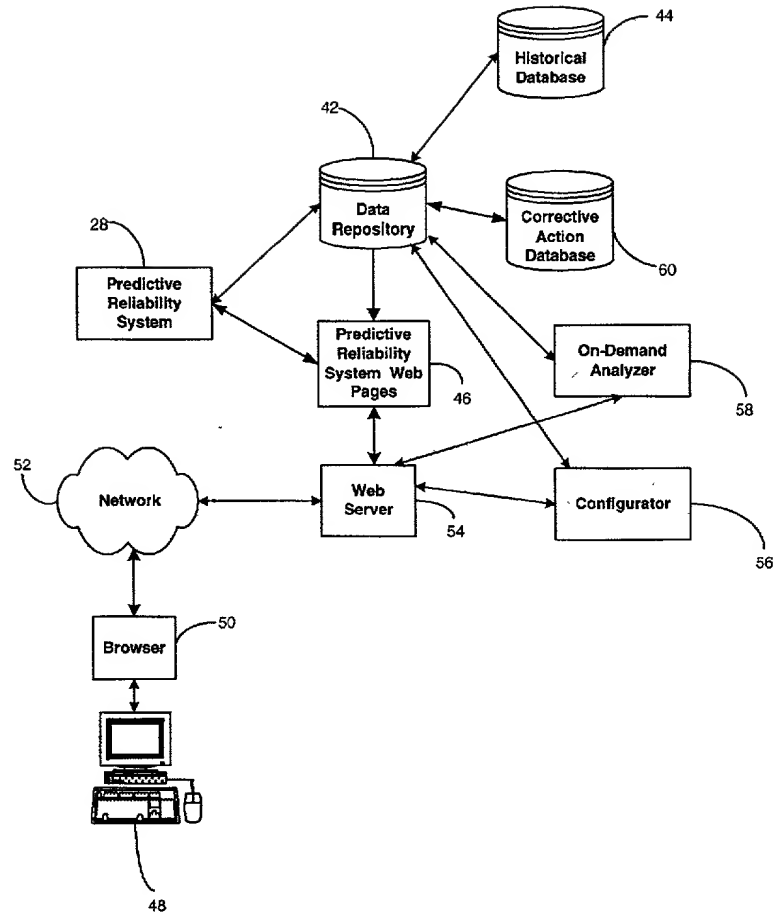


Fig. 3

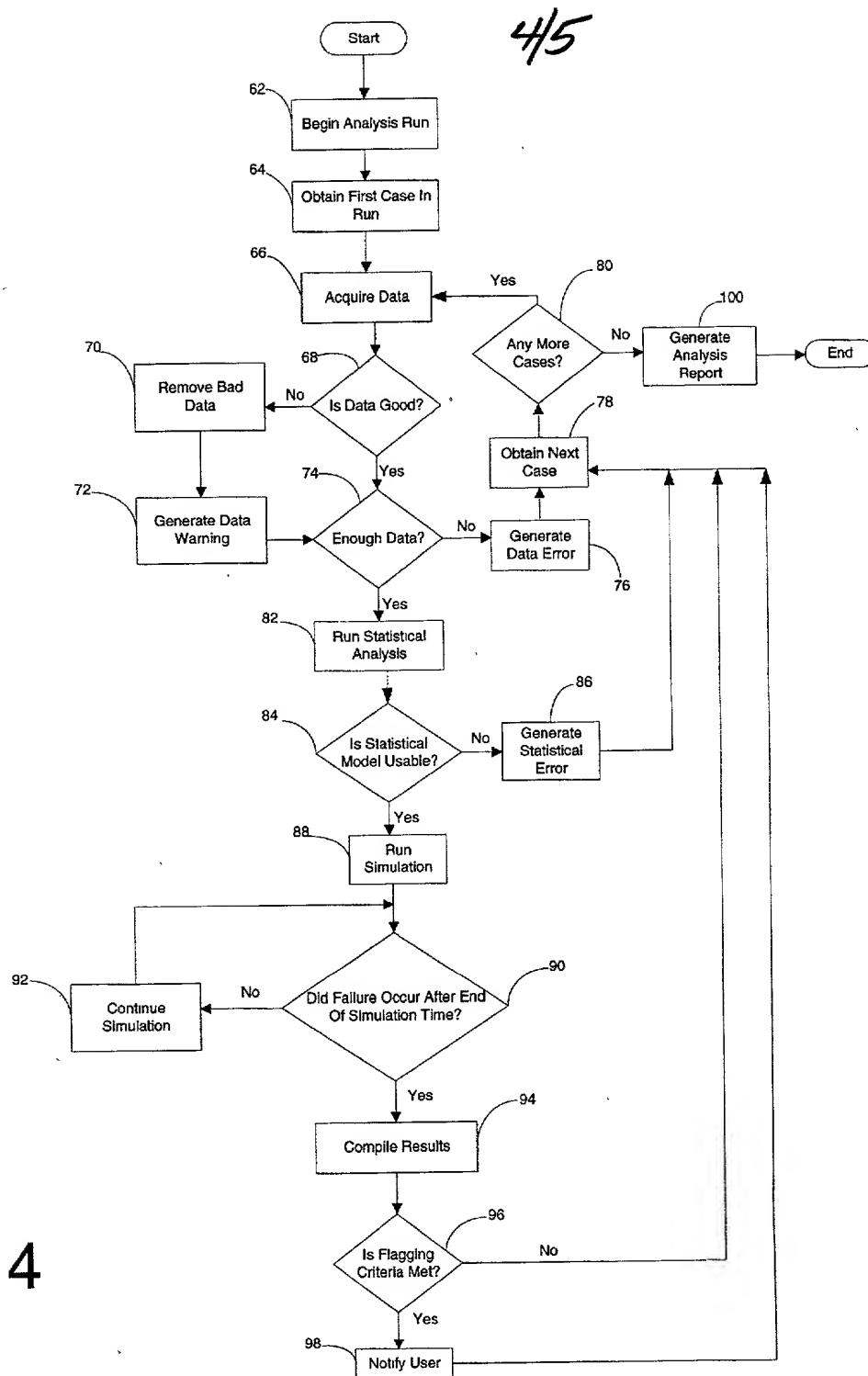


Fig. 4

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OUTPUT OF FLAGGED

Early Warning System

Data inputs

Data File: C:\My Documents\on_INTERCOOLERS new insert data.xls

Workbook: on_INTERCOOLERS new insert data.xls

Worksheet: sum data all fleets no part

Customer: CMC

Model: D9

Flot(s): 3, 4, & 5

RU Code(s): 8701

RU Description: Autocrator

Bayesian Sub-System: engine

Data Range: Start Date: all End Date: all

Expectation inputs

Expected F/S: 0.0115

Simulation inputs

Periods: 8

Days: 180

Number of Life Cycles: 8

Number of CA Iterations: 1000

Weibull Parameter Estimates

beta: 1.6

eta: 1575.96

Output Summary

	Period 1	Period 2	Period 3	Period 4
Failures	19.51	21.66	25.18	24.26
F/S	0.1941	0.2133	0.2281	0.2386

Failure Details

	Period 1	Period 2	Period 3	Period 4
Failures	19.51	21.66	25.18	24.26
Lower 5%	12.00	15.00	15.00	17.00
Upper 5%	27.00	29.00	31.00	32.00

F/S Details

	Period 1	Period 2	Period 3	Period 4
F/S	0.1941	0.2133	0.2281	0.2386
Lower 5%	0.1181	0.1477	0.1477	0.1675
Upper 5%	0.2658	0.2855	0.3062	0.3150

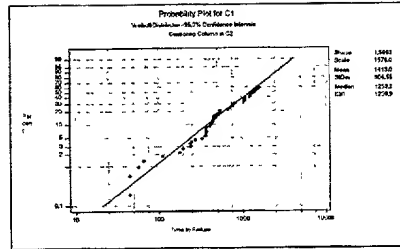
Recap
Input
Data

Weibull
Parameters

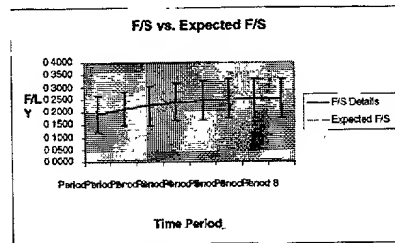
Time
Period

Failures

Failure/System



WeibullPlot



Predictions v.s. Expected over

Fig. 5